

Date: Mon, 2 Aug 93 14:34:46 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #921
To: Info-Hams

Info-Hams Digest Mon, 2 Aug 93 Volume 93 : Issue 921

Today's Topics:

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      -.-. .-- -.-. .-- ...
COASTLINE - lat/lon ASCII file wanted
Coordinates -> distance calculation
      Fixing the books
      Freebies from ARRL HQ
Freebies from ARRL HQ / Why not Electronic Versions?
      Hams Needed at Ad Agencies!
      Icom IC4iA Owners?
      ICOM W2A Mods
      Macintosh log program?
Manual and/or drawings for TRISTAO tower
MOBILE LINEAR FOR HF WANTED
More on S-units and S-meters
Motorola Maxar info needed
Need explanation of procedure in CW contacts. (2 msgs)
Need to talk to a vacuum tube *expert*.
Perseids meteor shower info wanted. (2 msgs)
      question
      Questions about blind hams
      Tesla coils
      Thanks for 2SRA info!!!
      TS50 Illegal!
      Wanted CW keyer with memory
      Where's my license!!!!
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Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 Jul 1993 14:38:07 GMT
From: drt@athena.mit.edu
Subject: -.-. .-- - . . .-- ...
To: info-hams@ucsd.edu

In article <CAw19r.3sD@news.iastate.edu> wjturner@iastate.edu (William J Turner) writes:

In article <CAvvEw.7J@fc.hp.com> jayk@fc.hp.com writes:

>

>Lots of ops finish a QSO with callsign then ...-.- ..

True, but my point was that is technically incorrect, not that it doesn't happen.

Could someone explain (not guess) *why* this is? Without appealing to authority, I mean (i.e., "The book says so!!!"). I have never understood it. It can't be because you want to send your callsign last, as CL, K, {KN}, et al., are properly sent after the callsign.

What difference does it make if {SK} is, too??

-drt

--

David R. Tucker KG2S drt@athena.mit.edu

|'Most political sermons teach the congregation nothing except |
what newspapers are taken at the Rectory.' -C.S. Lewis

Date: 31 Jul 1993 19:44:10 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!haven.umd.edu!cville-
srv.wam.umd.edu!usenet@network.ucsd.edu
Subject: COASTLINE - lat/lon ASCII file wanted
To: info-hams@ucsd.edu

WANTED

I am in search of an ASCII lat/lon coastline file that I can use in my orbit tracking program. I will use it for some graphics and the one I have right now does not have enough points to meet the resolution I need when I zoom into a specific location.

The file I have right now is just over 7000 points. Binary files are fine

as long as I can extract the points from them.

If you have any suggestions please Email me.

Thanks,

Ken Lambert - zodiac@wam.umd.edu

Date: Fri, 30 Jul 1993 22:40:47 GMT
From: psinntp!gdstech!gdstech!bat@uunet.uu.net
Subject: Coordinates -> distance calculation
To: info-hams@ucsd.edu

In the back of my 1984 ARRL Antenna Manual is a small Basic program to calculate the distance between 2 pairs of lat-lons. This has been recoded in C, and runs on PCs. Used with a world database of lat lon data, you see how far these places are from the home QTH.

--

* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

Date: 30 Jul 1993 17:23:01 GMT
From: munnari.oz.au!hp9000.csc.cuhk.hk!saimiri.primite.wisc.edu!
mimbres.cs.unm.edu!ncar!elroy.jpl.nasa.gov!usc!howland.reston.ans.net!
noc.near.net!news.bbn.com!bbn.com!levin@network.ucsd.
Subject: Fixing the books
To: info-hams@ucsd.edu

dnewkirk@arrl.org (Dave Newkirk) writes:

|At least no one has yet mentioned a possible, horrifically
|discriminatory truth: That the "four-year rule" also acts to
|disallow anyone under four years of age from being president of
|the ARRL. What an outrage!

Yeah, but there's another rule that says they have to be eighteen years old, isn't there? (Or is that just Volunteer Examiners?) :-)

/J

=

Nets: levin@bbn.com |
pots: (617)873-3463 |
KD10N (@KB4N.NH.USA) |

"I gotta go."

-- I. Shoales

excellent (and cheaper,faster) transport system?

--

mikey@slic.cts.com

Date: 30 Jul 93 17:05:10 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!sol.ctr.columbia.edu!news.unomaha.edu!
cwis.unomaha.edu!ncc2001@network.ucsd.edu
Subject: Hams Needed at Ad Agencies!
To: info-hams@ucsd.edu

Hmmm, just what I needed. The batteries for my house are getting a little low, and I'd hate to have to go out and buy 100 new "D" cells for it! :)

--

Michael Fortner	*	"I've got all this love to give and	
N0??? (9 weeks and counting)	*	so far all I have is my ham radio"	
ncc2001@cwis.unomaha.edu	*	-Selma Bouvier	

Date: 30 Jul 1993 15:41:31 GMT
From: news!sun1.clark.net!andy@uunet.uu.net
Subject: Icom IC4iA Owners?
To: info-hams@ucsd.edu

I would like to hear from anyone who owns the pocket size 440MHz Icom HT, the "IC4iA" Many thanks.... K4ADL

Date: 30 Jul 93 19:55:56 GMT
From: rtech!amdahl!JUTS!srl20@decwrl.dec.com
Subject: ICOM W2A Mods
To: info-hams@ucsd.edu

I'm a new ham (N8ZLK, 7.5 week wait), and just bought an ICOM W2A dual band HT. I like it a lot so far, but would be interested in extending it's capabilities via any modifications any one has.

If you have any mods for this model I would be most grateful if you would e-mail them to me, since I don't have telnet or ftp capabilities here.

Thanks in advance and

73,
Steve, aka N8ZLK

Date: Fri, 30 Jul 1993 17:36:57 GMT
From: concert!news-feed-2.peachnet.edu!ukma!netnews.louisville.edu!
mike@decwrl.dec.com
Subject: Macintosh log program?
To: info-hams@ucsd.edu

I am looking for a good up-to-date logging program for a Mac. I don't mind paying for a good one. Perferably, it would be good for contesting as well as daily operations.

Thanks de N4PLE
Mike Harpe

--
Michael Harpe, Programmer/Analyst Information Technology, Ormsby Bldg.
mike@hermes.louisville.edu University of Louisville
(502)588-5542 Louisville, Ky. 40292
"He's not a man, he's a remorseless eating machine!" - The Simpsons

Date: Thu, 29 Jul 93 21:41:31 GMT
From: agate!spool.mu.edu!bloom-beacon.mit.edu!news.kei.com!news.byu.edu!
news.mtholyoke.edu!news.unomaha.edu!nevada.edu!jimi!equinox!arthurj@ames.arpa
Subject: Manual and/or drawings for TRISTAO tower
To: info-hams@ucsd.edu

Greetings. I am buying a crank-up tower of this manufacture from a local ham. He has no drawings or manual on it. It's (I believe) 89 feet high when fully extended; four 20-foot sections.
I would be delighted to hear from anyone who might be able to fax or mail ohotocopies of any documentation on this item.
Thanks in advance
73 de AA7UT
Art Johnson

Date: 31 Jul 1993 05:52:32 GMT
From: munnari.oz.au!uniwa!cpeham@uunet.uu.net
Subject: MOBILE LINEAR FOR HF WANTED
To: info-hams@ucsd.edu

is any body able to let me know of where I can get an HF

mobile linear for the car. Running at 500W min to 1kW if possible
Must be able to run from 12V dc / inverter.

B

B

C:

Thanks from Cres VK6YX cres@uniwa.uwa.edu.a

--

Cres Thursby-Pelham

Department of Education, The University of Western Australia

ph: +61 9 385 8011 fax: +61 9 385 7159 ham: VK6YX

email: cpelham@ecel.uwa.edu.au // email: cres@uniwa.uwa.edu.au

Date: 30 Jul 93 14:07:30 GMT

From: psinntp!arrl.org@uunet.uu.net

Subject: More on S-units and S-meters

To: info-hams@ucsd.edu

In rec.radio.amateur.misc, royle@tekig6.PEN.TEK.COM (Roy W Lewallen) writes:

>

[deletions]

>reminiscent of a law - actually passed - which declared pi to be equal to
>exactly three. (See "The History of Pi" by Petr Beckmann.) I suppose this
>would be all well and good if only people wouldn't get the notion that
>the marks on their S-meters were "standard S-units" or that the official
>Pi had anything to do with circles.

I've got it: Let's get a law passed that declares all CW signals to
be 599, and all phone signals to be 59! Move over, *Harrison
Bergeron*...

Regardses/WJ1Z

David Newkirk, Senior Asst Tech Editor		voice: 203-666-1541 X280
American Radio Relay League		fax: 203-665-7531
225 Main St, Newington CT 06111 USA		net: dnewkirk@arrl.org

Date: 30 Jul 93 18:19:55 GMT

From: ogicse!uwm.edu!psuvax1!psuvm!pjc130@network.ucsd.edu

Subject: Motorola Maxar info needed

To: info-hams@ucsd.edu

I have the opportunity to pick up a couple of 25 watt Motorola Maxar rigs,

currently on GMRS. I would like to get some info on these before I commit to buying them.

First, are they crystal controlled, or synthesized? If synth, how is programming accomplished?

Second, how difficult would they be to put on 430 MHz 9600 packet?

de N3EOP
PJC130@psuvm.psu.edu

Date: 30 Jul 1993 13:25:30 -0700
From: hp9000.csc.cuhk.hk!saimiri.prima.te.wisc.edu!doug.cae.wisc.edu!umn.edu!spool.mu.edu!howland.reston.ans.net!math.ohio-state.edu!cs.utexas.edu!asuvax!chnews!ornews.intel.com@munari.oz.au
Subject: Need explanation of procedure in CW contacts.
To: info-hams@ucsd.edu

Its only 'T' = zero for people who have to use keyboards and paddles.
Its an extra long dash for the rest of us.

other items:

di-dah-di-di-di means "hang on a minute, I'm busy reading my screen"

--
WA7LDV zardoz@ornews.intel.com

Date: 31 Jul 93 01:36:48 GMT
From: ogicse!uwm.edu!cs.utexas.edu!sdd.hp.com!col.hp.com!fc.hp.com!perry@network.ucsd.edu
Subject: Need explanation of procedure in CW contacts.
To: info-hams@ucsd.edu

Thomas Grennefors TX/DKF (etxtsg@solsta.ericsson.se) wrote:
: I am in the procedure of learning CW to get my HF proviliges.
: I have now gotten so far that i started to listen to QS0:s in
: the ham bands. But somtimes i hear the following.
: = UR RST is 599/5NN =
: What in the heck does that 5NN means.

Numbers (especially dahs) are terribly long to pound out. This is

called "cut code" and is used if both sender and receiver know that numbers are being sent.

.-	1	-....	6
..-	2	-... 7	
...-	3	-.. 8	
....-	4	-. 9	
.....	5	- 0	

Perry Scott
AA0ET

Date: Thu, 29 Jul 1993 17:25:45 GMT
From: swrinde!cs.utexas.edu!usc!howland.reston.ans.net!spool.mu.edu!bloom-beacon.mit.edu!mrcim.mcgill.edu!sifon!ego!henry@network.ucsd.edu
Subject: Need to talk to a vacuum tube *expert*.
To: info-hams@ucsd.edu

I would like to correspond with someone who is an *expert* vacuum tube designer. The purpose is to answer certain questions I have about the nitty-gritty details of audio amplifier design (modulators, for you radio people). You should be very familiar with power tube characteristic curves, and the typical undergraduate EE curriculum from about 1950, including the formulas used to derive maximum power output and efficiency of push-pull linear amplifier stages.

Thanks.

-Henry

Date: 29 JUL 93 18:19:40 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!bloom-beacon.mit.edu!senator-bedfellow.mit.edu!pfc.mit.edu!mrl@network.ucsd.edu
Subject: Perseids meteor shower info wanted.
To: info-hams@ucsd.edu

Can anyone tell me when the peak of the Perseids meteor shower is supposed to peak and in which direction is the best to look for them? Thanks.

Mark London
MRL@NERUS.PFC.MIT.EDU

Date: Fri, 30 Jul 1993 20:21:01 GMT
From: rosevax!flower!scotbri@uunet.uu.net
Subject: Perseids meteor shower info wanted.
To: info-hams@ucsd.edu

Date: 29 Jul 93 19:00:02 GMT
From: gatech!howland.reston.ans.net!news.ans.net!newsgate.watson.ibm.com!
hawnews.watson.ibm.com!news@RUTGERS.EDU
Subject: question
To: info-hams@ucsd.edu

I just have a question concerning

Brian Penney

Date: Sun, 1 Aug 1993 04:38:08 GMT
From: csus.edu!netcom.com!jfh@decwrl.dec.com
Subject: Questions about blind hams
To: info-hams@ucsd.edu

How does the testing process for blind hams usually work? Does one of the
VEC's publish exams in braille, or are readers or computer-speech
generators used? Does anyone make study materials in braille?

--

Jack Hamilton jfh@netcom.com kd6ttl@n0ary.#nocal.ca.us.na (AMPR)
Post Office Box Box 281107 San Francisco, California 94128 USA

Date: 30 Jul 93 20:05:30 GMT
From: pipex!sunic!news.funet.fi!news.eunet.fi!funic!nntp.hut.fi!nntp!
haba@uunet.uu.net
Subject: Tesla coils
To: info-hams@ucsd.edu

I'm looking for info on tesla coils. It seemd there has been some
discussion on this group earlier. (No idea when, just got one
article from the arrl mail server.) Where are the archives? All
other info wellcome as well.

--
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Linux, free Unix for 386/486. Anonymous FTP: tsx-11.mit.edu or nic.funet.fi
The only unix where even undocumented is documented! (try man undocumented)

Harri.Suomalainen@hut.fi Harri Suomalainen

Date: 30 Jul 93 15:37:04 GMT
From: openlink.openlink.com!lanslide!hls.com!trop@uunet.uu.net
Subject: Thanks for 2SRA info!!!
To: info-hams@ucsd.edu

Regarding: Info on the ICOM 2SRA. Thanks to all of you who answered
my email request for info on the 2SRA. I have a file with several
responses, which all seemed fairly positive. Thanks again and 73s.

Troy

Ps: rosenblu@drone.hazeltine.com, I have your request for the information
that I have gathered, but I cannot seem to get email to drone.hazeltine.com.
Please supply another address/path and I will forward what I have. trop@hls.com

Date: Thu, 29 Jul 1993 19:12:26 GMT
From: agate!spool.mu.edu!sdd.hp.com!hpscit.sc.hp.com!news.dtc.hp.com!srngenprp!
alanb@ames.arpa
Subject: TS50 Illegal!
To: info-hams@ucsd.edu

I'm tired of continuing this argument. The only reason I entered it
in the first place was so that readers of this string who are not
technically sophisticated would not be led astray.
X-Newsreader: TIN [version 1.1 PL8.8]

The PEP power in a 100% modulated AM signal is 4 times the carrier
(average) power.

This fact is well-known to most RF engineers who have any experience
with modulation. If you guys choose not to believe it, so be it.

AL N1AL

Date: Fri, 30 Jul 1993 00:08:14 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!news.ucdavis.edu!
bullwinkle.ucdavis.edu!szhall@network.ucsd.edu
Subject: Wanted CW keyer with memory
To: info-hams@ucsd.edu

Date: 30 Jul 93 09:06:00 GMT
From: csus.edu!netcom.com!netcomsv!nitelog!dave.santoro@decwrl.dec.com
Subject: Where's my license!!!!
To: info-hams@ucsd.edu

K>I took my test back in 1974 and my license still hasn't arrived.
K>Is this a normal period of time to wait? Should I call the FCC?

Yes, 19 or so years seems to be the average wait. I would wait a few
more years to call them, just to be sure ! ;')

. CmpQwk #UNREG. UNREGISTERED EVALUATION COPY

Date: Thu, 29 Jul 1993 20:16:49 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!sdd.hp.com!col.hp.com!
fc.hp.com!jayk@network.ucsd.edu
To: info-hams@ucsd.edu

References <CAw19r.3sD@news.iastate.edu>, <CAxJ11.HDJ@fc.hp.com>,
<1993Jul29.110445@IASTATE.EDU>
Reply-To : jayk@fc.hp.com
Subject : Re: -. . . -- -. . . -- ...

William J Turner (wjturner@IASTATE.EDU) wrote:
: I think CL would come closer to your "key is silent". It means you are
: closing the station. It, by the way, is technically the only thing you
: ^^^^^^^^^^^
: send after the final ID, "shave and a haircut" not being an official
: prosign.

What source are you getting all this technical information from?

73, Jay K0GU

Date: (null)

From: (null)

>

Best direction: UP! ;^)

=====

scotbri@rosemount.com

Scott Brigham (AA0HU)

"Yes, THAT Scott Brigham -- the famous one."

St. Paul, MN USA

=====

End of Info-Hams Digest V93 #921
